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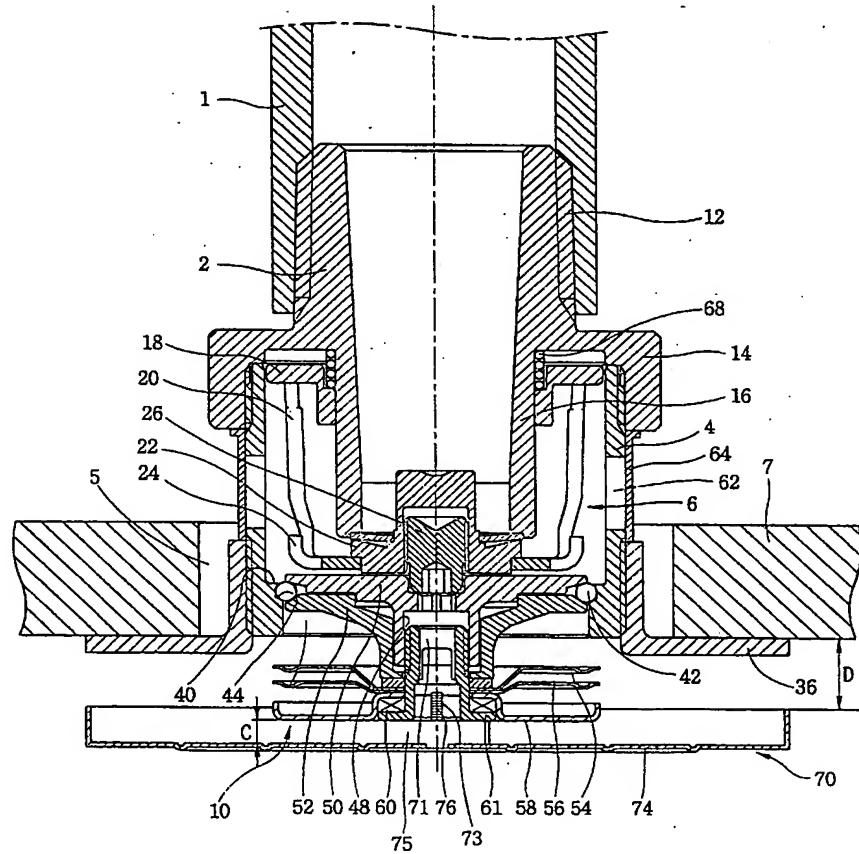
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(54) Title: SPRINKLER HEAD



(57) Abstract: A sprinkler head comprises: a locking unit locked inside a second housing for maintaining a sealing state between a deflector and a first housing; a heat responding unit exposed to outside of a ceiling for releasing the locked state of the locking unit by reacting to fire when fire breaks out; and a head cover mounted at a lower side of the heat responding unit and transmitting heat to the heat responding unit after collecting heat at the time of a fire occurrence. According to this, a fine appearance of the sprinkler head is provided, and the head cover performs a heat collecting function at the time of a fire occurrence thus to have a fast reaction speed, thereby enhancing a function of the sprinkler head.

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and application for since 1975

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New Patents & Utility Search system (KIPO)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 08131575 A (NOHMI BOSAI LTD) 28 May 1996 See the whole document	1 - 19
A	US 6082463 A (THE RELIABLE AUTOMATIC SPRINKLER CO.) 04 July 2000 See the whole document	1 - 19
A	JP 11161852 A (HOCHIKI CORP) 19 July 2001 See the whole document	1 - 19
A	JP 07231949 A (SENJU SPRINKLER KK) 05 September 1995 See the whole document	1 - 19

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